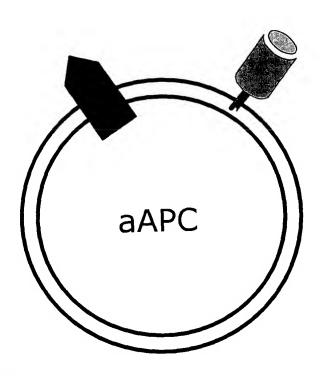
FIGURE 1





Soluble MHC



C-terminal tail



Peptide ligand



Costimulatory/ coregulatory molecule

FIGURE 2

PCR amplification of gDNA encoding desired MHC molecule; PCR product encodes truncated, soluble form of MHC having a tag attached thereto 5UT Intron 4 Exon 2 Exon 3 Exon 4 1" PCR amplicon 2[™] PCR Amplicon Cloning of PCR product into mammalian expression vector to create construct encoding soluble MHC molecule Collible MHC PCR proofind Chemina vector Introduction of construct into suitable host cell Culturing of suitable host cell containing construct in hollow fiber bioreactor unit Isolation of secreted MHC molecules from media

FIGURE 3

